

Total Maximum Daily Loads (TMDL) for Total Phosphorus, Sediment, and Bacteria Milwaukee River Basin, Wisconsin

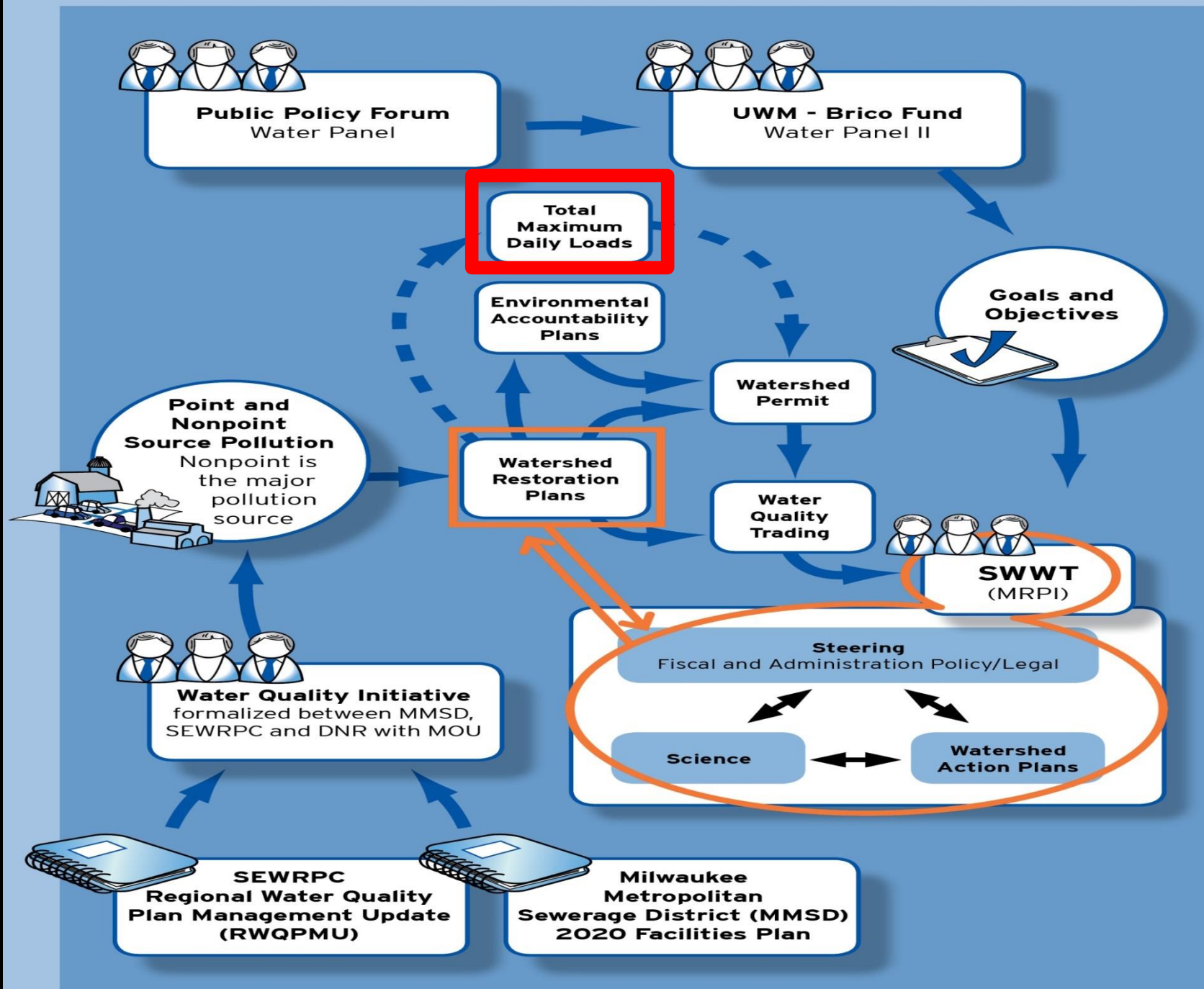


Stakeholder Workshop 5

7/25/2016

BACKGROUND

- History
 - What led to TMDLs
 - Project Team
-
- Implementation Plan



Next Action after WQI* Completion?

Many groups discussed what to do next...

Options considered:

- a. Do nothing
- b. Watershed Restoration Plans (WRP)
- c. TMDLs (Total Maximum Daily Loads)
- d. EAPs (Environmental Accountability Plans)

*MMSD 2020 Facilities Plan and
SEWRPC RWQMPU

Actions Taken after WQI Completion

1. SWWT* formed
2. Watershed Restoration Plans Developed by MMSD with public/stakeholder input for Menomonee River & Kinnickinnic River
3. Implementation Plans by SWWT for both
4. Discussion of TMDLs

*Southeastern Wisconsin Watersheds Trust
(Sweet Water)

Path to 3rd Party TMDLs

1. WQI to build on
2. Use Same data/Same models
3. Results showed rainfall caused “non-point” pollutant loads are the watershed’s largest contributor, with other pollution loads from point source discharges

“Non-point” meaning urban/agricultural runoff and urban stormwater

Why 3rd Party TMDL?

1. Keep momentum of WQI
2. New phosphorous water quality standards
3. Sound basis for programs (Green Infrastructure/NR 151/Illicit discharges)
4. Models and data from RWQMPU available
5. Great Lakes Restoration Initiative Funding
6. WDNR support for the concept

Basics

- TMDL program is administered by the U.S. Environmental Protection Agency (EPA)
- Responsibility for TMDLs is delegated to the State of Wisconsin / WDNR
- The MMSD developed these TMDLs as a third party on behalf of WDNR
- TMDL study will use models developed for the Water Quality Initiative (WQI)

TMDL Development Team

- WDNR and EPA provided:
 - Active participation in all aspects of the TMDL development
 - final review of the TMDLs
- SEWRPC provided technical assistance
- Southeastern Wisconsin Watersheds Trust Inc. (SWWT) provided public outreach assistance
- Lead Consultant - CDM Smith

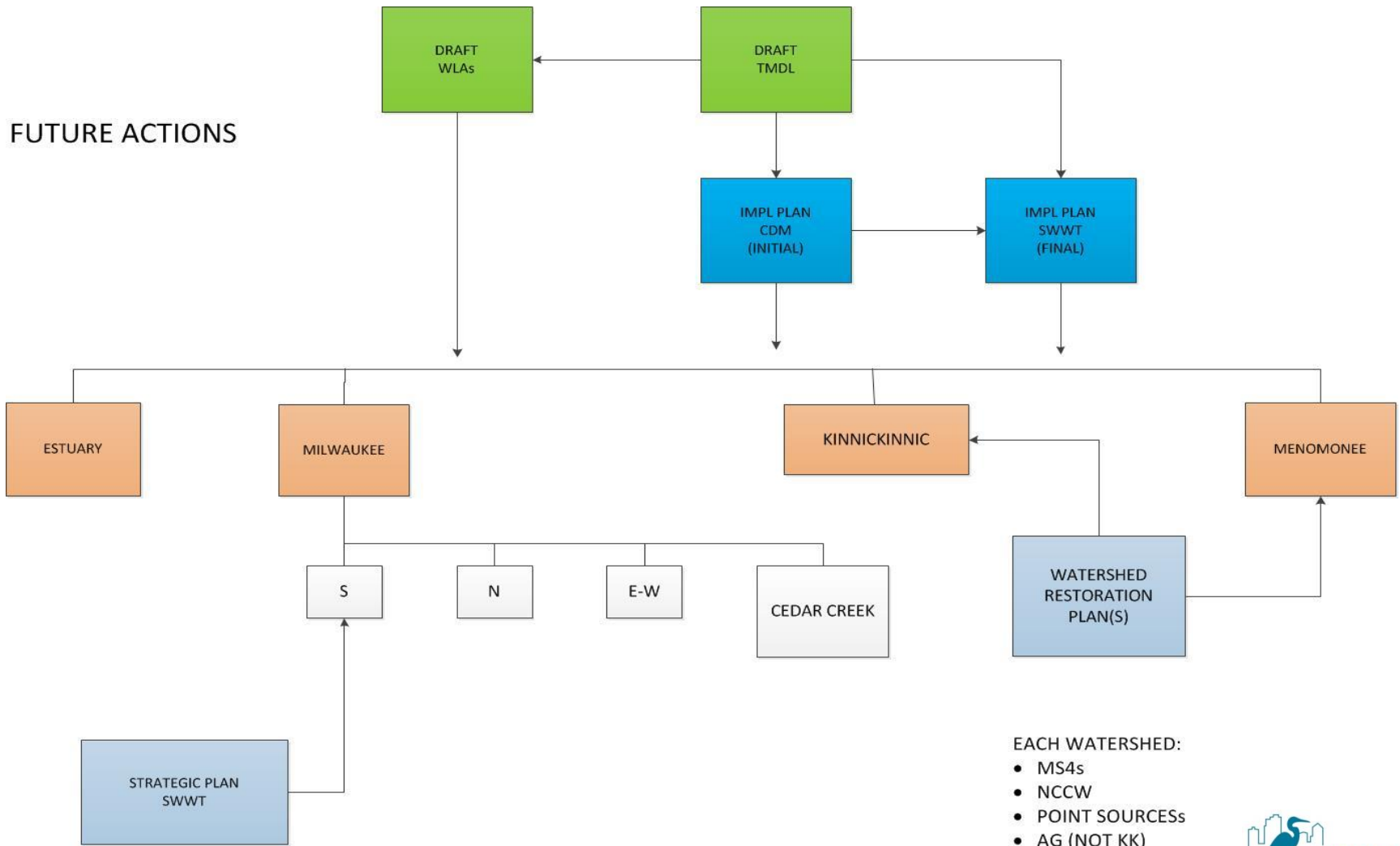
Project Status

1. Draft TMDL – July 22nd
2. Series of Stakeholder and Focus Group Meetings (Today & TBD)
3. Public Hearing - TBD
4. Response to comments
5. Submittal to EPA

Implementation Plan

1. “Initial” Plan Draft from CDM – TBD
2. Final Implementation Plan - SWWT
 - a. Scope finalized after public hearings
 - b. One year to complete
 - c. Stakeholder Input important
 - d. Complete by Fall 2017
 - e. Tie together all ongoing and planned efforts

Implementation Plan Outline



QUESTIONS?

